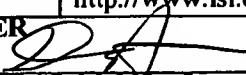| Form PTO-1449	U.S. Dept. of Commerce, Patent and Trademarks **LIST OF ART CITED BY APPLICANT** (Use several sheets if necessary

Attorney Docket No. A-6886	Serial No. 09/998,107	Filing Date NOVEMBER 30, 2001

Applicant: HOSKINS ET AL.	Group 2661

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	
Dno	A	6,178,455	1/23/01	Schutte et al.	709	228	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dno	B	RFC 951 - Bootstrap Protocol, W.J. Croft and J. Gilmore, 9/1/85 (Available at http://www.isi.edu/in-notes/rfc951.txt)
	C	RFC 1048 - BOOTP vendor information extensions, P.A. Prindeville, 2/1/88 (Available at http://www.isi.edu/in-notes/rfc1048.txt)
	D	RFC 1055 - Nonstandard for transmission of IP datagrams over serial lines: SLIP, J.L. Romkey, 6/1/88 (Available at http://www.isi.edu/in-notes/rfc1055.txt)
	E	RFC 1084 - BOOTP vendor information extensions, J.K. Reynolds, 12/1/88 (Available at http://www.isi.edu/in-notes/rfc1084.txt)
	F	RFC 1134 - Point-to-Point Protocol: A proposal for multi-protocol transmission of datagrams over Point-to-Point links, D. Perkins, 12/1/89 (Available at http://www.isi.edu/in-notes/rfc1134.txt)
	G	RFC 1171 - Point-to-Point Protocol for the transmission of multi-protocol datagrams over Point-to-Point links, D. Perkins, 7/1/90 (Available at http://www.isi.edu/in-notes/rfc1171.txt)
	H	RFC 1172 - Point-to-Point Protocol (PPP) initial configuration options, D. Perkins and R. Hobby, 7/1/90 (Available at http://www.isi.edu/in-notes/rfc1172.txt)
	I	RFC 1220 - Point-to-Point Protocol extensions for bridging, F. Baker, 4/1/91 (Available at http://www.isi.edu/in-notes/rfc1220.txt)
	J	RFC 1234 - Tunneling IPX traffic through IP networks, D. Provan, 6/1/91 (Available at http://www.isi.edu/in-notes/rfc1234.txt)
	K	RFC 1331 – The Point-to-Point Protocol (PPP) for the Transmission of Multi-protocol Datagrams over Point-to-Point Links, W. Simpson, 5/92 (Available at http://www.isi.edu/in-notes/rfc1331.txt)

EXAMINER	DATE CONSIDERED: 12-15-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dro	L	RFC 1332 - The PPP Internet Protocol Control Protocol (IPCP), G. McGregor, 5/92 (Available at http://www.isi.edu/in-notes/rfc1332.txt)
	M	RFC 1395 - BOOTP Vendor Information Extensions, J. Reynolds, 1/93 (Available at http://www.isi.edu/in-notes/rfc1395.txt)
	N	RFC 1473 - The Definitions of Managed Objects for the IP Network Control Protocol of the Point-to-Point Protocol, F. Kastenholz, 6/93 (Available at http://www.isi.edu/in-notes/rfc1473.txt)
	O	RFC 1474 - The Definitions of Managed Objects for the Bridge Network Control Protocol of the Point-to-Point Protocol, F. Kastenholz, 6/93 (Available at http://www.isi.edu/in-notes/rfc1474.txt)
	P	RFC 1497 - BOOTP Vendor Information Extensions, J. Reynolds, 8/93 (Available at http://www.isi.edu/in-notes/rfc1497.txt)
	Q	RFC 1531 - Dynamic Host Configuration Protocol, R. Droms, 10/93 (Available at http://www.isi.edu/in-notes/rfc1531.txt)
	R	RFC 1532 - Clarifications and Extensions for the Bootstrap Protocol, W. Wimer, 10/93 (Available at http://www.isi.edu/in-notes/rfc1532.txt)
	S	RFC 1533 - DHCP Options and BOOTP Vendor Extensions, S. Alexander and R. Droms, 10/93 (Available at http://www.isi.edu/in-notes/rfc1533.txt)
	T	RFC 1534 - Interoperation Between DHCP and BOOTP, R. Droms, 10/93 (Available at http://www.isi.edu/in-notes/rfc1534.txt)
	U	RFC 1541 – Dynamic Host Configuration Protocol, R. Droms, 10/93 (Available at http://www.isi.edu/in-notes/rfc1541.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.
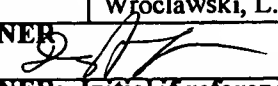
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

(Dm)	V	RFC 1542 - Clarifications and Extensions for the Bootstrap Protocol, W. Wimer, 10/93 (Available at http://www.isi.edu/in-notes/rfc1542.txt)
	W	RFC 1548 - The Point-to-Point Protocol (PPP), W. Simpson, 12/93 (Available at http://www.isi.edu/in-notes/rfc1548.txt)
	X	RFC 1549 - PPP in HDLC Framing, W. Simpson, 12/93 (Available at http://www.isi.edu/in-notes/rfc1549.txt)
	Y	RFC 1579 - Firewall-Friendly FTP, S. Bellovin, 2/94 (Available at http://www.isi.edu/in-notes/rfc1579.txt)
	Z	RFC 1597 – Address Allocation for Private Internets, Y. Rekhter, B.Moskowitz, D. Karrenberg, and G. de Groot, 3/94 (Available at http://www.isi.edu/in-notes/rfc1597.txt)
	AA	RFC 1631 - The IP Network Address Translator (NAT), K. Egevang and P. Francis, 5/94 (Available at http://www.isi.edu/in-notes/rfc1631.txt)
	AB	RFC 1638 - PPP Bridging Control Protocol (BCP), F. Baker and R. Bowen, 6/94 (Available at http://www.isi.edu/in-notes/rfc1638.txt)
	AC	RFC 1661 - The Point-to-Point Protocol (PPP), W. Simpson, editor, 6/94 (Available at http://www.isi.edu/in-notes/rfc1661.txt)
	AD	RFC 1662 - PPP in HDLC-like Framing, W. Simpson, editor, 7/94 (Available at http://www.isi.edu/in-notes/rfc1662.txt)
	AE	RFC 1702 - Generic Routing Encapsulation over IPv4 networks, S. Hanks, T. Li, D. Farinacci, and P. Traina, 10/94 (Available at http://www.isi.edu/in-notes/rfc1702.txt)

EXAMINER	DATE CONSIDERED:
	12-15-0X

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

Form PTO-1449	U.S. Dept. of Commerce, Patent and Trademarks

LIST OF ART CITED BY APPLICANT
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U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

𝒟𝓁𝒶	AF	RFC 1814 - Unique Addresses are Good, E. Gerich, 6/95 (Available at http://www.isi.edu/in-notes/rfc1814.txt)
	AG	RFC 1841 - PPP Network Control Protocol for LAN Extension, J. Chapman, D. Coli, A. Harvey, B. Jensen, and K. Rowett, 9/95 (Available at http://www.isi.edu/in-notes/rfc1841.txt)
	AH	RFC 1853 - IP in IP Tunneling, W. Simpson, 10/95 (Available at http://www.isi.edu/in-notes/rfc1853.txt)
	AI	RFC 1858 - Security Considerations for IP Fragment Filtering, G. Ziemba, D. Reed, and P. Traina, 10/95 (Available at http://www.isi.edu/in-notes/rfc1858.txt)
	AJ	RFC 1877 - PPP Internet Protocol Control Protocol Extensions for Name Server Addresses, S. Cobb, 12/95 (Available at http://www.isi.edu/in-notes/rfc1877.txt)
	AK	RFC 1918 - Address Allocation for Private Internets, Y. Rekhter, B. Moskowitz, D. Karrenberg, G. J. de Groot, and E. Lear, 2/96 (Available at http://www.isi.edu/in-notes/rfc1918.txt)
	AL	RFC 1919 - Classical versus Transparent IP Proxies, M. Chatel, 3/96 (Available at http://www.isi.edu/in-notes/rfc1919.txt)
	AM	RFC 1928 - SOCKS Protocol Version 5, M. Leech, M. Ganis, Y. Lee, R. Kuris, D. Koblas, and L. Jones, 3/96 (Available at http://www.isi.edu/in-notes/rfc1928.txt)
	AN	RFC 1929 - Username/Password Authentication for SOCKS V5, M. Leech, 3/96 (Available at http://www.isi.edu/in-notes/rfc1929.txt)
	AO	RFC 1961 - GSS-API Authentication Method for SOCKS Version 5, P. McMahon, 6/96 (Available at http://www.isi.edu/in-notes/rfc1961.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.
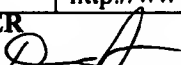
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dng	AP	RFC 2023 - IP Version 6 over PPP, D. Haskin and E. Allen, 10/96 (Available at http://www.isi.edu/in-notes/rfc2023.txt)
	AQ	RFC 2107 - Ascend Tunnel Management Protocol – ATMP, K. Hamzeh, 2/97 (Available at http://www.isi.edu/in-notes/rfc2107.txt)
	AR	RFC 2131 - Dynamic Host Configuration Protocol, R. Droms, 3/97 (Available at http://www.isi.edu/in-notes/rfc2131.txt)
	AS	RFC 2132 - DHCP Options and BOOTP Vendor Extensions, S. Alexander and R. Droms, 3/97 (Available at http://www.isi.edu/in-notes/rfc2132.txt)
	AT	RFC 2133 - Basic Socket Interface Extensions for IPv6, R. Gilligan, S. Thomson, J. Bound, and W. Stevens, 4/97 (Available at http://www.isi.edu/in-notes/rfc2133.txt)
	AU	RFC 2153 - PPP Vendor Extensions, W. Simpson, 5/97 (Available at http://www.isi.edu/in-notes/rfc2153.txt)
	AV	RFC 2185 - Routing Aspects of IPv6 Transition, R. Callon and D. Haskin, 9/97 (Available at http://www.isi.edu/in-notes/rfc2185.txt)
	AW	RFC 2207 - RSVP Extensions for IPSEC Data Flows, L. Berger and T. O'Malley, 9/97 (Available at http://www.isi.edu/in-notes/rfc2207.txt)
	AX	RFC 2241 - DHCP Options for Novell Directory Services, D. Provan, 11/97 (Available at http://www.isi.edu/in-notes/rfc2241.txt)
	AY	RFC 2242 - NetWare/IP Domain Name and Information, R. Droms and K. Fong, 11/97 (Available at http://www.isi.edu/in-notes/rfc2242.txt)
√	AZ	RFC 2292 - Advanced Sockets API for IPv6, W. Stevens and M. Thomas, 2/98 (Available at http://www.isi.edu/in-notes/rfc2292.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dro	BA	RFC 2322 - Management of IP numbers by peg-dhcp, K. van den Hout, A. Koopal, and R. van Mook, 4/1/98 (Available at http://www.isi.edu/in-notes/rfc2322.txt)
	BB	RFC 2341 - Cisco Layer Two Forwarding (Protocol) "L2F", A. Valencia, M. Littlewood, and T. Kolar, 5/98 (Available at http://www.isi.edu/in-notes/rfc2341.txt)
	BC	RFC 2344 - Reverse Tunneling for Mobile IP, G. Montenegro, 5/98 (Available at http://www.isi.edu/in-notes/rfc2344.txt)
	BD	RFC 2356 - Sun's SKIP Firewall Traversal for Mobile IP, G. Montenegro and V. Gupta, 6/98 (Available at http://www.isi.edu/in-notes/rfc2356.txt)
	BE	RFC 2391 - Load Sharing using IP Network Address Translation (LSNAT), P. Srisuresh and D. Gan, 8/98 (Available at http://www.isi.edu/in-notes/rfc2391.txt)
	BF	RFC 2401 - Security Architecture for the Internet Protocol, S. Kent and R. Atkinson, 11/98 (Available at http://www.isi.edu/in-notes/rfc2401.txt)
	BG	RFC 2410 - The NULL Encryption Algorithm and Its Use With IPsec, R. Glenn and S. Kent, 11/98 (Available at http://www.isi.edu/in-notes/rfc2410.txt)
	BH	RFC 2428 - FTP Extensions for IPv6 and NATs, M. Allman, S. Ostermann, and C. Metz, 9/98 (Available at http://www.isi.edu/in-notes/rfc2428.txt)
	BI	RFC 2442 - The Batch SMTP Media Type, N. Freed, D. Newman, J. Belissen, M. Hoy, 11/98 (Available at http://www.isi.edu/in-notes/rfc2442.txt)
√	BJ	RFC 2472 - IP Version 6 over PPP, D. Haskin and E. Allen, 12/98 (Available at http://www.isi.edu/in-notes/rfc2472.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Ino	BK	RFC 2473 - Generic Packet Tunneling in IPv6 Specification, A. Conta and S. Deering, 12/98 (Available at http://www.isi.edu/in-notes/rfc2473.txt)
	BL	RFC 2485 - DHCP Option for The Open Group's User Authentication Protocol, S. Drach, 1/99 (Available at http://www.isi.edu/in-notes/rfc2485.txt)
	BM	RFC 2489 - Procedure for Defining New DHCP Options, R. Droms, 1/99 (Available at http://www.isi.edu/in-notes/rfc2489.txt)
	BN	RFC 2547 - BGP/MPLS VPNs, E. Rosen and Y. Rekhter, 3/99 (Available at http://www.isi.edu/in-notes/rfc2547.txt)
	BO	RFC 2553 - Basic Socket Interface Extensions for IPv6, R. Gilligan, S. Thomson, J. Bound, and W. Stevens, 3/99 (Available at http://www.isi.edu/in-notes/rfc2553.txt)
	BP	RFC 2563 - DHCP Option to Disable Stateless Auto-Configuration in IPv4 Clients, R. Troll, 5/99 (Available at http://www.isi.edu/in-notes/rfc2563.txt)
	BQ	RFC 2588 - IP Multicast and Firewalls, R. Finlayson, 5/99 (Available at http://www.isi.edu/in-notes/rfc2588.txt)
	BR	RFC 2607 - Proxy Chaining and Policy Implementation in Roaming, B. Aboba and J. Vollbrecht, 6/99 (Available at http://www.isi.edu/in-notes/rfc2607.txt)
	BS	RFC 2610 - DHCP Options for Service Location Protocol, C. Perkins and E. Guttman, 6/99 (Available at http://www.isi.edu/in-notes/rfc2610.txt)
	BT	RFC 2637 - Point-to-Point Tunneling Protocol, K. Hamzeh, G. Pall, W. Verthein, J. Taarud, W. Little, and G. Zorn, 7/99 (Available at http://www.isi.edu/in-notes/rfc2637.txt)

EXAMINER	DATE CONSIDERED: 12-15-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.
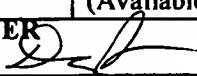
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

$\mathcal{M}$	BU	RFC 2647 - Benchmarking Terminology for Firewall Performance, D. Newman, 8/99 (Available at http://www.isi.edu/in-notes/rfc2647.txt)
	BV	RFC 2661 - Layer Two Tunneling Protocol "L2TP", W. Townsley, A. Valencia, A. Rubens, G. Pall, G. Zorn, and B. Palter, 8/99 (Available at http://www.isi.edu/in-notes/rfc2661.txt)
	BW	RFC 2663 - IP Network Address Translator (NAT) Terminology and Considerations, P. Srisuresh and M.Holdrege, 8/99 (Available at http://www.isi.edu/in-notes/rfc2663.txt)
	BX	RFC 2667 - IP Tunnel MIB, D. Thaler, 8/99 (Available at http://www.isi.edu/in-notes/rfc2667.txt)
	BY	RFC 2685 - Virtual Private Networks Identifier, B. Fox and B. Gleeson, 9/99 (Available at http://www.isi.edu/in-notes/rfc2685.txt)
	BZ	RFC 2694 - DNS extensions to Network Address Translators (DNS_ALG), P. Srisuresh, G. Tsirtsis, P. Akkiraju, and A. Heffernan, 9/99 (Available at http://www.isi.edu/in-notes/rfc2694.txt)
	CA	RFC 2709 - Security Model with Tunnel-mode IPsec for NAT Domains, P. Srisuresh, 10/99 (Available at http://www.isi.edu/in-notes/rfc2709.txt)
	CB	RFC 2735 - NHRP Support for Virtual Private Networks, B. Fox and B. Petri, 12/99 (Available at http://www.isi.edu/in-notes/rfc2735.txt)
$\sqrt{}$	CC	RFC 2746 - RSVP Operation Over IP Tunnels, A. Terzis, J. Krawczyk, J. Wroclawski, L. Zhang, 1/00 (Available at http://www.isi.edu/in-notes/rfc2746.txt)

EXAMINER	DATE CONSIDERED:
	12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

DRG	CD	RFC 2764 - A Framework for IP Based Virtual Private Networks, B. Gleeson, A. Lin, J. Heinanen, G. Armitage and A. Malis, 2/00 (Available at http://www.isi.edu/in-notes/rfc2764.txt)
	CE	RFC 2766 - Network Address Translation - Protocol Translation (NAT-PT), G. Tsirtsis and P. Srisuresh, 2/00 (Available at http://www.isi.edu/in-notes/rfc2766.txt)
	CF	RFC 2784 - Generic Routing Encapsulation (GRE), D. Farinacci, T. Li, S. Hanks, D. Meyer, and P. Traina, 3/00 (Available at http://www.isi.edu/in-notes/rfc2784.txt)
	CG	RFC 2809 - Implementation of L2TP Compulsory Tunneling via RADIUS, B. Aboba and G. Zorn, 4/00 (Available at http://www.isi.edu/in-notes/rfc2809.txt)
	CH	RFC 2843 - Proxy-PAR, P. Droz and T. Przygienda, 5/00 (Available at http://www.isi.edu/in-notes/rfc2843.txt)
	CI	RFC 2844 - OSPF over ATM and Proxy-PAR, T. Przygienda, P. Droz, and R. Haas, 5/00 (Available at http://www.isi.edu/in-notes/rfc2844.txt)
	CJ	RFC 2855 - DHCP for IEEE 1394, K. Fujisawa, 6/00 (Available at http://www.isi.edu/in-notes/rfc2855.txt)
	CK	RFC 2867 - RADIUS Accounting Modifications for Tunnel Protocol Support, G. Zorn, B. Aboba, and D. Mitton, 6/00 (Available at http://www.isi.edu/in-notes/rfc2867.txt)
	CL	RFC 2868 - RADIUS Attributes for Tunnel Protocol Support, G. Zorn, D. Leifer, A. Rubens, J. Shriver, M. Holdrege, and I. Goyret, 6/00 (Available at http://www.isi.edu/in-notes/rfc2868.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dho	CM	RFC 2878 – PPP Bridging Control Protocol (BCP), M. Higashiyama and F. Baker, 7/00 (Available at http://www.isi.edu/in-notes/rfc2878.txt)
	CN	RFC 2888 - Secure Remote Access with L2TP, P. Srisuresh, 8/00 (Available at http://www.isi.edu/in-notes/rfc2888.txt)
	CO	RFC 2890 - Key and Sequence Number Extensions to GRE, G. Dommety, 9/00 (Available at http://www.isi.edu/in-notes/rfc2890.txt)
	CP	RFC 2917 - A Core MPLS IP VPN Architecture, K. Muthukrishnan and A. Malis, 9/00 (Available at http://www.isi.edu/in-notes/rfc2917.txt)
	CQ	RFC 2937 - The Name Service Search Option for DHCP, C. Smith, 9/00 (Available at http://www.isi.edu/in-notes/rfc2937.txt)
	CR	RFC 2939 - Procedures and IANA Guidelines for Definition of New DHCP Options and Message Types, R. Droms, 9/00 (Available at http://www.isi.edu/in-notes/rfc2939.txt)
	CS	RFC 2962 - An SNMP Application Level Gateway for Payload Address Translation, D. Raz, J. Schoenwaelder, and B. Sugla, 10/00 (Available at http://www.isi.edu/in-notes/rfc2962.txt)
	CT	RFC 2979 - Behavior of and Requirements for Internet Firewalls, N. Freed, 10/00 (Available at http://www.isi.edu/in-notes/rfc2979.txt)
	CU	RFC 2983 - Differentiated Services and Tunnels, D. Black, 10/00 (Available at http://www.isi.edu/in-notes/rfc2983.txt)
V	CV	RFC 2993 - Architectural Implications of NAT, T. Hain, 11/00 (Available at http://www.isi.edu/in-notes/rfc2993.txt)

EXAMINER	DATE CONSIDERED:
	12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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Applicant: HOSKINS ET AL.	Group 2661

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

	CW	RFC 3004 - The User Class Option for DHCP, G. Stump, R. Droms, Y. Gu, R. Vyaghrapuri, A. Demirtjis, B. Beser, and J. Privat, 11/00 (Available at http://www.isi.edu/in-notes/rfc3004.txt)
	CX	RFC 3011 - The IPv4 Subnet Selection Option for DHCP, G. Waters, 11/00 (Available at http://www.isi.edu/in-notes/rfc3011.txt)
	CY	RFC 3022 - Traditional IP Network Address Translator (Traditional NAT), P. Srisuresh and K. Egevang, 1/01 (Available at http://www.isi.edu/in-notes/rfc3022.txt)
	CZ	RFC 3024 - Reverse Tunneling for Mobile IP, revised, G. Montenegro, editor, 1/01 (Available at http://www.isi.edu/in-notes/rfc3024.txt)
	DA	RFC 3027 - Protocol Complications with the IP Network Address Translator, M. Holdrege and P. Srisuresh, 1/01 (Available at http://www.isi.edu/in-notes/rfc3027.txt)
	DB	RFC 3046 - DHCP Relay Agent Information Option, M. Patrick, 1/01 (Available at http://www.isi.edu/in-notes/rfc3046.txt)
	DC	RFC 3053 - IPv6 Tunnel Broker, A. Durand, P. Fasano, I. Guardini, and D. Lento, 1/01 (Available at http://www.isi.edu/in-notes/rfc3053.txt)
	DD	RFC 3056 - Connection of IPv6 Domains via IPv4 Clouds, B. Carpenter and K. Moore, 2/01 (Available at http://www.isi.edu/in-notes/rfc3056.txt)
	DE	RFC 3070 - Layer Two Tunneling Protocol (L2TP) over Frame Relay, V. Rawat, R. Tio, S. Nanji, and R. Verma, 2/01 (Available at http://www.isi.edu/in-notes/rfc3070.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

	DF	RFC 3077 - A Link-Layer Tunneling Mechanism for Unidirectional Links, E. Duros, W. Dabbous, H. Izumiyama, N. Fujii, and Y. Zhang, 3/01 (Available at http://www.isi.edu/in-notes/rfc3077.txt)
	DG	RFC 3089 - A SOCKS-based IPv6/IPv4 Gateway Mechanism, H. Kitamura, 4/01 (Available at http://www.isi.edu/in-notes/rfc3089.txt)
	DH	RFC 3102 - Realm Specific IP: Framework, M. Borella, J. Lo, D. Grabelsky, and G. Montenegro, 10/01 (Available at http://www.isi.edu/in-notes/rfc3102.txt)
	DI	RFC 3103 - Realm Specific IP: Protocol Specification, M. Borella, D. Grabelsky, J. Lo, and K. Taniguchi, 10/01 (Available at http://www.isi.edu/in-notes/rfc3103.txt)
	DJ	RFC 3104 - RSIP Support for End-to-end IPsec, G. Montenegro and M. Borella, 10/01 (Available at http://www.isi.edu/in-notes/rfc3104.txt)
	DK	RFC 3105 - Finding an RSIP Server with SLP, J. Kempf and G. Montenegro, 10/01 (Available at http://www.isi.edu/in-notes/rfc3105.txt)
	DL	RFC 3118 - Authentication for DHCP Messages, R. Droms, editor, and W. Arbaugh, editor, 6/01 (Available at http://www.isi.edu/in-notes/rfc3118.txt)
	DM	RFC 3128 - Protection Against a Variant of the Tiny Fragment Attack, I. Miller, 6/01 (Available at http://www.isi.edu/in-notes/rfc3128.txt)
	DN	RFC 3135 - Performance Enhancing Proxies Intended to Mitigate Link-Related Degradations, J. Border, M. Kojo, J. Griner, G. Montenegro, and Z. Shelby, 6/01 (Available at http://www.isi.edu/in-notes/rfc3135.txt)
	DO	RFC 3143 - Known HTTP Proxy/Caching Problems, I. Cooper and J. Dilley, 6/01 (Available at http://www.isi.edu/in-notes/rfc3143.txt)

EXAMINER	DATE CONSIDERED: 12-15-06

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

𝒟ho	DP	RFC 3145 - L2TP Disconnect Cause Information, R. Verma, M. Verma, and J. Carlson, 7/01 (Available at http://www.isi.edu/in-notes/rfc3145.txt)
	DQ	RFC 3147 - Generic Routing Encapsulation over CLNS Networks, P. Christian, 7/01 (Available at http://www.isi.edu/in-notes/rfc3147.txt)
	DR	RFC 3186 - MAPOS/PPP Tunneling mode, S. Shimizu, T. Kawano, K. Murakami, and E. Beier, 12/01 (Available at http://www.isi.edu/in-notes/rfc3186.txt)
	DS	RFC 3193 - Securing L2TP using IPsec, B. Patel, B. Aboba, W. Dixon, G. Zorn, and S. Booth, 11/01 (Available at http://www.isi.edu/in-notes/rfc3193.txt)
	DT	RFC 3203 - DHCP reconfigure extension, Y. T'Joens, C. Hublet, and P. De Schrijver, 12/01 (Available at http://www.isi.edu/in-notes/rfc3203.txt)
	DU	RFC 3209 - RSVP-TE: Extensions to RSVP for LSP Tunnels, D. Awduche, L. Berger, D. Gan, T. Li, V. Srinivasan, and G. Swallow, 12/01 (Available at http://www.isi.edu/in-notes/rfc3209.txt)
	DV	RFC 3210 - Applicability Statement for Extensions to RSVP for LSP-Tunnels, D. Awduche, A. Hannan, and X. Xiao, 12/01 (Available at http://www.isi.edu/in-notes/rfc3210.txt)
	DW	DAVIC 1.5 Specification – DAVIC Cable Modem (Technical Specification) Revision 3.1, Christof Ricken, editor, 11/6/98
✓	DX	DAVIC 1.5 Specification – DAVIC Intranet Technical Platform Specification (Provisional Document Structure) Revision 1.0, Digital Audio-Visual Council, 4/12/99

EXAMINER	DATE CONSIDERED: 12-15-06

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

DYO	DY	Data-Over-Cable Service Interface Specification – Cable Modem Telephony Return Interface Specification - SP-CMTRI-I01-970804 (DOCSIS CM TRI) (Currently available at http://www.cablemodem.com/Specs/SP-CMTRI-I01-970804.pdf), CableLabs, 8/4/97
	DZ	Data-Over-Cable Service Interface Specifications – Radio Frequency Interface Specification - SP-RFI-I05-991105 (DOCSIS RFI 1.0), CableLabs, 11/5/99
	EA	Data-Over-Cable Service Interface Specifications - Radio Frequency Interface Specification - SP-RFIv1.1-I06-001215 (DOCSIS RFI 1.1), CableLabs, 12/15/00
	EB	Data-Over-Cable Service Interface Specifications – Cable Modem to Customer Premise Equipment Interface Specification - SP-CMCI-I05-001215 (DOCSIS CMCI), CableLabs, 12/15/00
	EC	Data-Over-Cable Service Interface Specifications - Radio Frequency Interface Specification - SP-RFI-I06-010829 (DOCSIS RFI 1.0) (Currently available at http://www.cablemodem.com/Specs/SP-RFI-I06-010829.pdf), CableLabs, 8/29/01
	ED	Data-Over-Cable Service Interface Specifications – Radio Frequency Interface Specification - SP-RFIv1.1-I07-010829 (DOCSIS RFI 1.1) (Currently available at http://www.cablemodem.com/Specs/rfi_v1.1_I07-010829.pdf), CableLabs, 8/29/01
✓	EE	Data-Over-Cable Service Interface Specifications – Cable Modem to Customer Premise Equipment Interface Specification - SP-CMCI-I06-010829 (DOCSIS CMCI) (Currently available at http://www.cablemodem.com/Specs/SP-CMCI-I06-010829.pdf), CableLabs, 8/29/01

EXAMINER	DATE CONSIDERED:
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Examiner's Initial		Document No.	Date	Name	Class	Subclass	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

0ho	EF	Data-Over-Cable Service Interface Specifications - Radio Frequency Interface Specification - SP-RFIv2.0-I01-011231 (DOCSIS RFI 2.0) (Currently available at http://www.cablemodem.com/Specs/SP-RFIv2.0-I01-011231.pdf), CableLabs, 12/31/01
	EG	U.S. Patent Application No. 09/896,390 (Attorney Docket No. 7258) filed 6/29/01, entitled "System and Method for Archiving Multiple Downloaded Recordable Media Content"; Inventors: Arturo A. Rodriguez, Geoffrey G. Hammett, and Randolph R. Beebe.
	EH	Press Release, "Company Claims Patent on Set-top Bluetooth", allNETDevices Staff, 7/7/00 (Available at http://www.allnetdevices.com/industry/news/2000/07/07/company_claims.html)
	EI	Press Release, "Scientific-Atlanta Outlines Set-Top Strategy at SCTE, Unveils Explorer 4100 and 3100HD Set-Tops", Scientific-Atlanta, Inc., 5/9/01 (Previously available at http://biz.yahoo.com/prnews/010509/atw014.html)
	EJ	Firewalls and Internet Security: Repelling the Wily Hacker by William R. Cheswick and Steven M. Bellovin, 1994, Chapters 3 & 4 (ISBN #: 0-201-63357-4)
	EK	Network Security: PRIVATE Communication in a PUBLIC World by Charlie Kaufman, Radia Perlman, and Mike Speciner, 1995, pp. 13-16 (ISBN #:0-13-061466-1)
	EL	Building Internet Firewalls by D. Brent Chapman and Elizabeth D. Zwicky, 11/95, Chapters 4, 6, & 7 (ISBN #: 1-56592-124-0)
	EM	Internet & TCP/IP Network Security: Securing Protocols and Applications by Uday O. Pabrai and Vijay K. Gurbani, 1996, pp. 163-166 (ISBN #: 0-07-048215-2)

EXAMINER	DATE CONSIDERED: 12-15-06

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U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dho	EN	Netware to Internet Gateways by James E. Gaskin, 1996, Chapter 2 (ISBN #: 0-13-521774-1)
	EO	Network Security: Data and Voice Communications by Fred Simonds, 1996, Chapter 10 (ISBN #: 0-07-057634-3)
	EP	Cable Modems: Current Technologies and Applications, Editors: John Fijoleck, Michelle Kuska, Venkata C. Majeti, and Kotikalapudi Sriram, Executive Editor: Venkata C. Majeti, 1999, pp. 289-347 (ISBN #: 0-7803-5395-1)
	EQ	IPSec: The New Security Standard for the Internet, Intranets, and Virtual Private Networks by Naganand Doraswamy and Dan Harkins, 1999, Chapters 3 & 4 (ISBN #: 0-13-011898-2)
	ER	Modern Cable Television Technology: Video, Voice, and Data Communications by Walter Ciciora, James Farmer, and David Large, 1999, Chapters 18 and 19 (ISBN #: 1-55860-416-2)
	ES	Internetworking With TCP/IP – Vol 1: Principles, Protocols, and Architecture – Fourth Edition by Douglas E. Comer, 2000, Chapters 20, 23, and 32 (ISBN #: 0-13-018380-6)
	ET	Managing IP Addresses: How to Number Your Network for Growth and Change by Bill Dutcher, 2000, Chapter 8 (ISBN #: 0-471-25484-3)
	EU	OpenCable Architecture by Michael Adams, 2000, Chapter 6 (ISBN #: 1-57870-135-X)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

Dno	EV	PPP and L2TP: Remote Access Communications by Uyless Black, 2000, Chapters 8 & 9 (ISBN #: 0-13-022462-6)
	EW	The Essential Guide to Digital Set-top Boxes and Interactive TV by Gerald O'Driscoll, 2000, Chapters 2, 5, 7, and 8; pp. 271-281 (ISBN #: 0-13-017360-6)
	EX	Virtual Private Networking: A View from the Trenches by Bruce Perlmutter, 2000, Chapters 4 & 5 (ISBN #: 0-13-020335-1)
	EY	Delivering Internet Connections over Cable: Breaking the Access Barrier by Marke E. Laubach, David J. Farber, and Stephen D. Dukes, 2001, Chapters 4, 5, 8, and 9 (ISBN #: 0-471-38950-1)
	EZ	The Essential Guide to Home Networking Technologies by Gerald O'Driscoll, 2001, Chapters 9 & 10 (ISBN #: 0-13-019846-3)
	FA	The NAT Handbook: Implementing and Managing Network Address Translation by Bill Dutcher, 2001, Chapters 1, 2, 5-10, 12-15, and 19 (ISBN #: 0-471-39089-5)

EXAMINER	DATE CONSIDERED: 12-15-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.

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Applicant: HOSKINS ET AL.		Group 2661

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	
Dno	AA	6,252,952	6/26/01	Kung et al.	379	114	
DPO	AB	6,295,554	9/25/01	Karadogan et al.	709	219	
Dno	AC	6,304,578	10/16/01	Fluss	370	413	
Dm	AD	6,308,328	10/23/01	Bowcutt et al.	725	111	
Dno	AE	6,324,267	11/27/01	Hraster et al.	379	93.02	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	AF						
	AG						
	AH						
	AI						

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

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	AK						
	AL						

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